

CLAIMS

1. Product, in particular in panel form, able to be
5 obtained by the Hatschek process and without
autoclaving, and being able to be used as siding,
cladding element or partition element, this product
comprising at least one hydraulic binder, such as
cement, at least one filler, such as calcium carbonate,
10 and at least synthetic fibres.
2. Product according to Claim 1, characterized in
that it furthermore includes at least one pozzolan or
material capable of undergoing a pozzolanic reaction,
15 preferably chosen among aluminosilicates, calcium
aluminosilicates and amorphous silica.
3. Product according to either of Claims 1 and 2,
characterized in that it furthermore includes plant
20 fibres, such as cellulose fibres.
4. Product according to one of the preceding claims,
characterized in that it is obtained from a suspension
comprising, by weight of dry matter:
25 - from 20 to 50%, by weight of cement;
- from 35 to 65%, by weight of calcium carbonate;
- from 2 to 10% by weight of fibres, at least some
of which are synthetic fibres;
- from 0 to 30% by weight of pozzolan;
30 - from 0 to 10% by weight of additives.
5. Product according to Claim 4, characterized in
that the content of synthetic fibres is at least 1% by
weight relative to the total weight of dry matter or at
35 least 25% by weight relative to the total weight of
fibres.
6. Product according to any one of the preceding
claims, characterized in that it is in the form of a

siding or a cladding element or a partition element.

7. Process for manufacturing a product according to any one of the preceding claims by filtration of an aqueous suspension comprising at least one hydraulic binder and fibres and optionally by superposition of the thicknesses of the sheet material thus formed until the final desired thickness is obtained, in order to obtain a panel.

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8. Process according to Claim 7, characterized in that the panel is drained and/or pressed and/or subjected to a curing step.